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COMMUNICABLE DISEASE CENTER

Morbidity and Mortality

Vol. 15, No. 19

WEEKLY REPORT

Week Ending May 14, 1966

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE

EPIDEMIOLOGIC NOTES AND REPORTS

FILARIASIS – Kentucky

A case of filariasis, diagnosed in a 32-year-old male residing in Harlan, Kentucky, was reported on March 6, 1966, to the Division of Epidemiology, Kentucky State Department of Health. The patient, a native of Bihar in northeastern India, arrived in the United States in December 1965.

On the evening of March 5 the patient reported to the hospital emergency room complaining of intermittent, crampy abdominal pain since 1 p.m. that day. Bowel movements that day had been normal, and there was no nausea or vomiting. Physical examination revealed slight tenderness in the umbilical region but no other abnormal findings. Urinalysis was normal but the white blood count was elevated with 7 percent eosinophils. The patient was given an injection which relieved the pain and he returned home.

About 2 a.m. he was awakened by severe abdominal pain and at once returned to the hospital. He seemed to be in considerable pain and appeared mildly dehydrated.

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CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	19th WEEK ENDED		MEDIAN 1961 – 1965	CUMULATIVE, FIRST 19 WEEKS		
	MAY 14, 1966	MAY 15, 1965		1966	1965	MEDIAN 1961 – 1965
Aseptic meningitis	33	26	22	521	542	464
Brucellosis	7	4	5	71	73	139
Diphtheria	2	—	6	53	73	109
Encephalitis, primary:						
Arthropod-borne & unspecified	21	32	- - -	454	566	- - -
Encephalitis, post-infectious	24	18	- - -	317	296	- - -
Hepatitis, serum	25			468		
Hepatitis, infectious	660	605	890	12,866	14,314	18,852
Measles (rubeola)	8,095	8,944	19,855	142,179	182,245	258,041
Poliomyelitis, Total (including unspecified)	1	—	3	8	7	51
Paralytic	1	—	2	7	5	45
Nonparalytic	—	—	- - -	—	2	- - -
Meningococcal infections, Total	88	77	56	1,886	1,611	1,136
Civilian	83	64	- - -	1,659	1,464	- - -
Military	5	13	- - -	227	147	- - -
Rubella (German measles)	1,915	- - -	- - -	28,324	- - -	- - -
Streptococcal sore throat & Scarlet fever	9,246	7,678	7,428	215,961	202,029	176,856
Tetanus	5	4	- - -	42	72	- - -
Tularemia	—	5	- - -	48	68	- - -
Typhoid fever	8	10	7	105	120	131
Typhus, tick-borne (Rky. Mt. Spotted fever)	1	3	- - -	11	12	- - -
Rabies in Animals	79	96	95	1,681	1,947	1,623

NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	2	Botulism:	1
Leptospirosis: Ark.-1	13	Trichinosis: Iowa-2	39
Malaria: N.J.-1, Ill.-1	101	Rabies in Man:	1
Psittacosis:	16	Rubella, Congenital Syndrome: Pa.-1, Minn.-1	12
Typhus, murine:	6		

EPIDEMIOLOGIC NOTES AND REPORTS

FILARIASIS – Kentucky *(Continued)*

Again there were no abnormal physical findings other than some upper abdominal tenderness. However, laboratory studies showed a leucocytosis with 7 percent eosinophils on one occasion and 13 percent on a repeat examination.

The patient gave a history of having suspected filariasis 2 years ago while he was in India. Since eosinophilia was found, filariasis was suspected. Subsequently, a blood smear collected after midnight revealed microfilariae of *Wuchereria bancrofti*. The patient was started on a course of treatment with diethylcarbamazine and showed good subjective response. Follow-up studies to demonstrate the presence or absence of the micro-filariae in the out-patient's blood are planned.

(Reported by Dr. C. Hernandez, Medical Director, Division of Epidemiology, Kentucky State Department of Health; Henry Evans, M.D., Attending Physician, Department of Medicine, Daniel Boone Clinic; and V. B. Lakhani, M.D., Resident in Medicine, Harlan Appalachian Regional Hospital, Harlan, Kentucky.)

HUMAN CASE OF ANTHRAX–Delaware

A case of anthrax was reported from Delaware on March 19, 1966. The patient is a 55-year-old male who has worked at a goat hide tanning company for 24 years. Most recently he has been employed as a trimmer of hides that have received preliminary treatment in an acid bath.

On March 2 he developed a cutaneous pustular lesion on the dorsum of his left hand. His condition was such that he was admitted to hospital on March 5; material from the lesion obtained for cultures was positive for *Bacillus anthracis*. Treatment was given with penicillin and chloramphenicol. The patient made a good recovery and was discharge from hospital on March 14.

Goat hides imported for tanning at this factory come from Jamaica, India, Nigeria, Ethiopia, Iran and Pakistan. Since 1936 there have been 10 cases of cutaneous anthrax reported among employees of the factory. The most recent case prior to the current case occurred in 1962. This patient, also a 55-year-old male, assisted in unpacking raw hides imported from India in barrels and put them in vats preliminary to a "soaking" operation; he subsequently developed a lesion on the right forearm. Vaccination with the anthrax cell–free vaccine for employees who work in the high risk areas of the plant is now being considered by the company officials.

(Reported by Dr. E. F. Gliwa, Deputy State Health Officer, Delaware State Board of Health; Dr. Joseph M. Barsky, Jr., Attending Physician, Wilmington, Delaware; and Investigations Section of Epidemiology Branch, CDC.)

SULFONAMIDE-RESISTANT MENINGOCOCCAL INFECTION – Batesville, Arkansas

A fatal case of confirmed meningococcal meningitis in a 5-month-old child who lived in Batesville, Arkansas, has been reported from Little Rock, Arkansas. The onset of illness was March 21, 1966. On March 25 the child's sister, who had been given a sulfonamide drug for prophylaxis, developed meningococcal meningitis. Culture of her spinal fluid yielded group B meningococci which were later shown to be sulfonamide-resistant. The patient responded well to penicillin therapy and has made a complete recovery.

(Reported by Dr. J. T. Herron, State Health Officer, Arkansas State Health Officer; and an EIS Officer, CDC.)

Editorial Note:

This report illustrates one of the rarely occurring secondary family cases of meningococcal meningitis and emphasizes the problem of sulfonamide prophylaxis when the infecting strain of meningococcus is resistant to sulfonamide drugs. Although penicillin is the agent of choice in therapy, its usefulness as a prophylactic agent is controversial and has not been critically evaluated. Penicillin does not eradicate meningococci from the nasopharynx even when given orally as penicillin V at a dosage of 4,800,000 units daily.

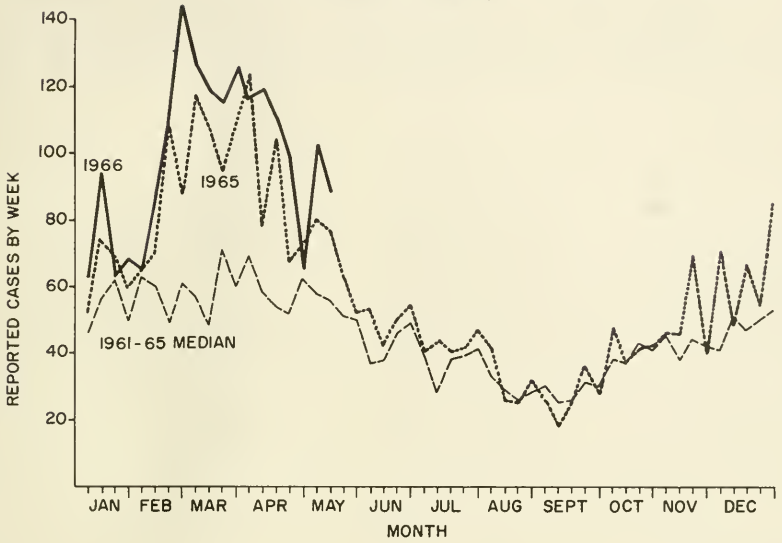
CURRENT TRENDS

MENINGOCOCCAL INFECTIONS

For the week ended May 14, 1966, 88 cases of meningococcal infection, of which 5 cases are in military personnel and 83 cases in civilians, have been reported to the Communicable Disease Center. The cumulative total for the first 19 weeks of this year is 1,886, an increase of 17.1 percent over the 1,611 cases reported during the comparable period in 1965. Figure 1 shows the weekly number of cases reported through the 19th week of 1966. The anticipated downward trend has not yet become established.

(Reported by the Investigations Section, Epidemiology Branch, CDC.)

Figure 1
MENINGOCOCCAL INFECTIONS BY WEEK OF REPORT
1965, 1966 AND MEDIAN, 1961-65
UNITED STATES



SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS—APRIL 1966 AND APRIL 1965

CASES OF PRIMARY AND SECONDARY SYPHILIS: By reporting areas April 1966 and April 1965 - Provisional Data

Reporting Area	April		Cumulative Jan - Apr	
	1966	1965	1966	1965
NEW ENGLAND	24	30	164	156
Maine	1	1	3	2
New Hampshire	-	1	4	6
Vermont	-	-	1	-
Massachusetts	14	22	110	96
Rhode Island	6	1	11	8
Connecticut	3	5	35	44
MIDDLE ATLANTIC	333	374	1,446	1,552
Upstate New York	33	39	141	172
New York City	213	217	922	936
Pa. (Excl. Phila.)	14	18	76	63
Philadelphia	20	31	87	87
New Jersey	53	69	220	294
EAST NORTH CENTRAL	279	299	1,014	1,033
Ohio	58	62	197	213
Indiana	4	6	22	20
Downstate Illinois	16	35	68	87
Chicago	80	109	339	425
Michigan	110	77	350	265
Wisconsin	11	10	38	23
WEST NORTH CENTRAL	30	45	158	162
Minnesota	1	6	8	30
Iowa	2	-	22	7
Missouri	13	26	73	83
North Dakota	-	-	4	-
South Dakota	4	6	20	19
Nebraska	5	7	14	18
Kansas	5	-	17	5
SOUTH ATLANTIC	583	531	2,147	2,243
Delaware	4	9	10	23
Maryland	45	26	179	134
District of Columbia	44	29	155	162
Virginia	28	21	103	113
West Virginia	3	6	21	19
North Carolina	81	87	332	342
South Carolina	81	60	313	274
Georgia	93	91	368	369
Florida	204	202	666	807

Reporting Area	April		Cumulative Jan - Apr	
	1966	1965	1966	1965
EAST SOUTH CENTRAL	194	226	768	845
Kentucky	4	8	41	50
Tennessee	27	48	105	198
Alabama	106	114	398	429
Mississippi	57	56	224	168
WEST SOUTH CENTRAL	198	166	857	743
Arkansas	10	29	63	82
Louisiana	44	46	215	207
Oklahoma	13	7	54	49
Texas	131	84	525	405
MOUNTAIN	32	42	127	201
Montana	7	1	16	6
Idaho	1	-	1	1
Wyoming	-	-	-	-
Colorado	4	4	17	10
New Mexico	5	9	27	40
Arizona	13	23	58	113
Utah	-	-	4	8
Nevada	2	5	4	23
PACIFIC	173	148	630	677
Washington	2	8	17	33
Oregon	7	2	18	12
California	163	137	585	622
Alaska	-	-	2	3
Hawaii	1	1	8	7
U. S. TOTAL	1,846	1,861	7,311	7,612
TERRITORIES	81	64	326	262
Puerto Rico	78	64	319	261
Virgin Islands	3	-	7	1

Note: Cumulative Totals include revised and delayed reports through previous months.

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
MAY 14, 1966 AND MAY 15,1965 (19th WEEK)

AREA	ASEPTIC MENINGITIS		BRUCELLOSIS	ENCEPHALITIS			DIPHTHERIA		HEPATITIS		
				Primary including unsp. cases		Post-Infectious			Serum	Infectious	Both Types
	1966	1965	1966	1966	1965	1966	1966	1965	1966	1966	1965
UNITED STATES...	33	26	7	21	32	24	2	-	25	660	605
NEW ENGLAND.....	-	1	1	1	2	-	-	-	1	39	43
Maine.....	-	-	-	-	-	-	-	-	-	8	6
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	3
Vermont.....	-	-	-	-	-	-	-	-	-	1	3
Massachusetts.....	-	1	-	-	1	-	-	-	-	14	20
Rhode Island.....	-	-	-	1	1	-	-	-	1	9	7
Connecticut.....	-	-	1	-	-	-	-	-	-	7	4
MIDDLE ATLANTIC.....	4	4	1	9	9	7	-	-	12	116	109
New York City.....	2	1	-	2	6	-	-	-	6	30	19
New York, Up-State.	-	1	1	-	1	2	-	-	1	35	43
New Jersey.....	2	1	-	6	2	-	-	-	4	21	23
Pennsylvania.....	-	1	-	1	-	5	-	-	1	30	24
EAST NORTH CENTRAL...	5	-	-	1	11	2	1	-	-	127	111
Ohio.....	2	-	-	1	8	-	-	-	-	33	27
Indiana.....	-	-	-	-	-	-	-	-	-	5	14
Illinois.....	2	-	-	-	2	2	1	-	-	17	19
Michigan.....	1	-	-	-	1	-	-	-	-	68	38
Wisconsin.....	-	-	-	-	-	-	-	-	-	4	13
WEST NORTH CENTRAL...	1	2	4	2	2	3	-	-	1	32	34
Minnesota.....	1	1	1	-	1	3	-	-	1	7	1
Iowa.....	-	1	1	-	1	-	-	-	-	13	9
Missouri.....	-	-	-	-	-	-	-	-	-	9	13
North Dakota.....	-	-	-	-	-	-	-	-	-	-	-
South Dakota.....	-	-	-	2	-	-	-	-	-	-	2
Nebraska.....	-	-	-	-	-	-	-	-	-	-	2
Kansas.....	-	-	2	-	-	-	-	-	-	3	7
SOUTH ATLANTIC.....	4	6	-	3	-	1	-	-	3	57	41
Delaware.....	2	1	-	-	-	-	-	-	-	2	5
Maryland.....	-	-	-	-	-	-	-	-	1	12	6
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	-	-	-	1	-	-	-	-	1	5	8
West Virginia.....	-	-	-	2	-	-	-	-	-	3	3
North Carolina.....	1	2	-	-	-	-	-	-	-	4	1
South Carolina.....	-	-	-	-	-	-	-	-	-	7	5
Georgia.....	-	-	-	-	-	-	-	-	-	10	2
Florida.....	1	3	-	-	-	1	-	-	1	12	11
EAST SOUTH CENTRAL...	-	-	-	1	-	-	-	-	2	49	43
Kentucky.....	-	-	-	-	-	-	-	-	-	19	16
Tennessee.....	-	-	-	1	-	-	-	-	-	20	11
Alabama.....	-	-	-	-	-	-	-	-	2	4	4
Mississippi.....	-	-	-	-	-	-	-	-	-	6	12
WEST SOUTH CENTRAL...	8	3	1	1	-	1	-	-	-	61	50
Arkansas.....	-	-	-	-	-	-	-	-	-	9	2
Louisiana.....	1	-	-	-	-	-	-	-	-	14	4
Oklahoma.....	-	-	-	-	-	-	-	-	-	-	-
Texas.....	7	3	1	1	-	1	-	-	-	38	44
MOUNTAIN.....	2	-	-	-	2	-	-	-	-	26	40
Montana.....	-	-	-	-	-	-	-	-	-	1	2
Idaho.....	-	-	-	-	-	-	-	-	-	3	8
Wyoming.....	-	-	-	-	-	-	-	-	-	1	1
Colorado.....	-	-	-	-	-	-	-	-	-	4	5
New Mexico.....	-	-	-	-	-	-	-	-	-	6	6
Arizona.....	2	-	-	-	1	-	-	-	-	9	11
Utah.....	-	-	-	-	1	-	-	-	-	2	7
Nevada.....	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	9	10	-	3	6	10	1	-	6	153	134
Washington.....	1	-	-	-	1	-	-	-	-	10	20
Oregon.....	-	-	-	-	1	-	-	-	-	14	9
California.....	8	9	-	3	4	10	1	-	6	126	101
Alaska.....	-	-	-	-	-	-	-	-	-	2	4
Hawaii.....	-	1	-	-	-	-	-	-	-	1	-
Puerto Rico.....	-	-	-	-	-	-	-	-	-	20	18

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

MAY 14, 1966 AND MAY 15, 1965 (19th WEEK) - CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			POLIOMYELITIS				RUBELLA
		Cumulative			Cumulative		Total		Paralytic		
	1966	1966	1965	1966	1966	1965	1966	1965	1966	Cumulative 1966	1966
UNITED STATES...	8,095	142,179	182,245	88	1,886	1,611	1	-	1	7	1,915
NEW ENGLAND.....	64	1,623	32,270	3	82	80	-	-	-	-	264
Maine.....	4	170	2,274	-	7	9	-	-	-	-	12
New Hampshire.....	1	34	350	-	7	5	-	-	-	-	-
Vermont.....	5	209	678	-	3	2	-	-	-	-	1
Massachusetts.....	22	608	17,633	2	33	28	-	-	-	-	96
Rhode Island.....	-	79	3,506	-	7	11	-	-	-	-	20
Connecticut.....	32	523	7,829	1	25	25	-	-	-	-	135
MIDDLE ATLANTIC.....	492	15,376	8,355	11	209	224	-	-	-	-	85
New York City.....	178	7,585	942	3	33	35	-	-	-	-	27
New York, Up-State.	80	1,659	2,444	4	59	57	-	-	-	-	51
New Jersey.....	52	1,630	1,437	1	57	67	-	-	-	-	-
Pennsylvania.....	182	4,502	3,532	3	60	65	-	-	-	-	7
EAST NORTH CENTRAL...	2,673	52,009	35,978	15	281	194	-	-	-	-	618
Ohio.....	408	4,981	7,044	4	77	56	-	-	-	-	50
Indiana.....	228	3,639	1,255	4	48	27	-	-	-	-	61
Illinois.....	394	9,856	1,534	2	53	53	-	-	-	-	197
Michigan.....	603	8,730	18,528	2	74	33	-	-	-	-	135
Wisconsin.....	1,040	24,803	7,617	3	29	25	-	-	-		175
WEST NORTH CENTRAL...	353	6,696	13,698	8	104	86	-	-	-	1	141
Minnesota.....	26	1,475	471	1	25	18	-	-	-	1	-
Iowa.....	305	3,915	7,492	2	15	4	-	-	-	-	133
Missouri.....	2	383	2,171	5	43	40	-	-	-	-	1
North Dakota.....	19	850	3,118	-	4	4	-	-	-	-	7
South Dakota.....	-	4	70	-	3	2	-	-	-	-	-
Nebraska.....	1	69	376	-	7	9	-	-	-	-	-
Kansas.....	NN	NN	NN	-	7	9	-	-	-	-	-
SOUTH ATLANTIC.....	672	10,920	19,649	16	306	319	-	-	-	1	266
Delaware.....	5	157	429	-	3	4	-	-	-	-	9
Maryland.....	107	1,629	808	1	30	32	-	-	-	-	23
Dist. of Columbia..	8	346	38	-	7	4	-	-	-	-	1
Virginia.....	102	1,182	3,146	-	42	36	-	-	-	-	92
West Virginia.....	172	3,943	11,148	-	10	23	-	-	-	-	22
North Carolina.....	19	204	239	10	72	54	-	-	-	-	-
South Carolina.....	27	498	833	1	40	50	-	-	-	-	15
Georgia.....	21	213	538	2	44	41	-	-	-	1	-
Florida.....	211	2,748	2,470	2	58	75	-	-	-	-	104
EAST SOUTH CENTRAL...	668	15,651	11,146	7	166	117	1	-	1		181
Kentucky.....	91	4,176	2,069	1	70	53	-	-	-	-	-
Tennessee.....	546	9,396	6,285	4	51	34	-	-	-	-	165
Alabama.....	16	1,295	1,895	1	33	22	-	-	-	-	16
Mississippi.....	15	784	897	1	12	8	1	-	1	1	-
WEST SOUTH CENTRAL...	1,351	17,582	25,614	8	279	243	-	-	-	3	7
Arkansas.....	202	730	1,039	1	16	12	-	-	-	-	-
Louisiana.....	1	75	64	2	110	136	-	-	-	-	-
Oklahoma.....	28	393	138	1	12	16	-	-	-	1	-
Texas.....	1,120	16,384	24,373	4	141	79	-	-	-	2	7
MOUNTAIN.....	611	8,386	14,432	2	69	54	-	-	-	-	127
Montana.....	106	1,261	3,001	-	4	1	-	-	-	-	-
Idaho.....	97	844	1,974	1	5	7	-	-	-	-	2
Wyoming.....	-	100	708	-	3	2	-	-	-	-	2
Colorado.....	49	832	3,782	1	37	12	-	-	-	-	37
New Mexico.....	151	837	508	-	9	8	-	-	-	-	-
Arizona.....	176	4,174	693	-	9	16	-	-	-	-	79
Utah.....	23	305	3,593	-	-	6	-	-	-	-	7
Nevada.....	9	33	173	-	2	2	-	-	-	-	-
PACIFIC.....	1,211	13,936	21,103	18	390	294	-	-	-	1	226
Washington.....	236	2,398	6,080	3	27	22	-	-	-	1	81
Oregon.....	54	968	2,578	2	26	23	-	-	-	-	35
California.....	895	10,406	9,842	12	319	238	-	-	-	-	107
Alaska.....	18	79	112	1	15	6	-	-	-	-	1
Hawaii.....	8	85	2,491	-	3	5	-	-	-	-	2
Puerto Rico.....	133	1,806	1,369	-	4	3	-	-	-	-	-

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
MAY 14, 1966 AND MAY 15, 1965 (19th WEEK) - CONTINUED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETANUS		TULAREMIA		TYPHOID		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966
UNITED STATES...	9,246	5	42	-	48	8	105	1	11	79	1,681
NEW ENGLAND.....	1,425	-	2	-	1	-	3	-	-	3	25
Maine.....	144	-	-	-	-	-	-	-	-	1	3
New Hampshire.....	20	-	-	-	-	-	-	-	-	1	9
Vermont.....	-	-	-	-	-	-	-	-	-	1	13
Massachusetts.....	223	-	2	-	1	-	-	-	-	-	-
Rhode Island.....	53	-	-	-	-	-	-	-	-	-	-
Connecticut.....	985	-	-	-	-	-	3	-	-	-	-
MIDDLE ATLANTIC.....	422	1	7	-	-	-	24	-	1	3	116
New York City.....	21	-	3	-	-	-	12	-	-	-	-
New York, Up-State.	364	-	-	-	-	-	3	-	-	3	110
New Jersey.....	NN	1	1	-	-	-	6	-	-	-	-
Pennsylvania.....	37	-	3	-	-	-	3	-	1	-	6
EAST NORTH CENTRAL...	1,258	-	3	-	12	1	16	-	-	13	241
Ohio.....	182	-	-	-	3	1	8	-	-	5	129
Indiana.....	194	-	1	-	3	-	1	-	-	6	55
Illinois.....	171	-	1	-	5	-	2	-	-	-	18
Michigan.....	548	-	1	-	-	-	2	-	-	1	20
Wisconsin.....	163	-	-	-	1	-	3	-	-	1	19
WEST NORTH CENTRAL...	379	1	3	-	3	1	12	-	1	14	363
Minnesota.....	15	-	-	-	-	-	-	-	-	8	77
Iowa.....	193	-	-	-	-	1	4	-	-	2	79
Missouri.....	5	1	3	-	1	-	5	-	-	4	134
North Dakota.....	75	-	-	-	-	-	-	-	-	-	6
South Dakota.....	8	-	-	-	-	-	-	-	-	-	34
Nebraska.....	5	-	-	-	-	-	1	-	-	-	7
Kansas.....	78	-	-	-	2	-	2	-	1	-	26
SOUTH ATLANTIC.....	1,015	1	9	-	6	4	23	-	7	11	223
Delaware.....	50	-	-	-	-	-	-	-	-	-	-
Maryland.....	349	-	-	-	-	-	6	-	1	-	-
Dist. of Columbia..	3	-	-	-	-	-	-	-	-	-	-
Virginia.....	244	-	-	-	2	3	9	-	2	6	140
West Virginia.....	203	-	-	-	1	-	1	-	-	-	30
North Carolina.....	5	1	1	-	2	-	2	-	3	1	1
South Carolina.....	36	-	1	-	1	-	2	-	-	-	-
Georgia.....	7	-	3	-	-	1	1	-	1	3	34
Florida.....	118	-	4	-	-	-	2	-	-	1	18
EAST SOUTH CENTRAL...	1,238	-	2	-	13	-	8	-	-	5	232
Kentucky.....	123	-	-	-	2	-	1	-	-	1	35
Tennessee.....	982	-	-	-	7	-	4	-	-	4	188
Alabama.....	93	-	2	-	4	-	2	-	-	-	9
Mississippi.....	40	-	-	-	-	-	1	-	-	-	-
WEST SOUTH CENTRAL...	1,128	1	9	-	11	1	6	-	1	20	348
Arkansas.....	-	-	2	-	9	-	1	-	1	1	40
Louisiana.....	1	-	3	-	1	1	2	-	-	1	20
Oklahoma.....	161	-	-	-	-	-	1	-	-	5	99
Texas.....	966	1	4	-	1	-	2	-	-	13	189
MOUNTAIN.....	1,187	-	1	-	1	-	6	1	1	4	35
Montana.....	33	-	-	-	-	-	-	-	-	-	7
Idaho.....	102	-	-	-	-	-	-	-	-	-	-
Wyoming.....	15	-	-	-	-	-	-	-	-	-	-
Colorado.....	577	-	1	-	-	-	2	1	1	1	2
New Mexico.....	269	-	-	-	-	-	-	-	-	-	5
Arizona.....	74	-	-	-	-	-	1	-	-	3	20
Utah.....	117	-	-	-	1	-	3	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	1
PACIFIC.....	1,194	1	6	-	1	1	7	-	-	6	98
Washington.....	367	-	-	-	-	-	-	-	-	-	-
Oregon.....	23	-	-	-	-	-	1	-	-	-	-
California.....	706	1	6	-	1	1	4	-	-	6	98
Alaska.....	33	-	-	-	-	-	-	-	-	-	-
Hawaii.....	65	-	-	-	-	-	2	-	-	-	-
Puerto Rico.....	2	-	19	-	-	-	4	-	-	1	5

Week No. 19

DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED MAY 14, 1966

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza	Under 1 year
	All Ages	65 years and over	All Ages	All Causes
NEW ENGLAND:	754	487	52	15
Boston, Mass.*	251	152	14	5
Bridgeport, Conn.	53	30	5	3
Cambridge, Mass.	31	21	-	-
Fall River, Mass.	35	24	2	-
Hartford, Conn.	53	32	1	2
Lowell, Mass.	19	14	4	-
Lynn, Mass.	21	15	4	-
New Bedford, Mass.	28	20	1	-
New Haven, Conn.	49	32	1	1
Providence, R. I.	72	42	4	2
Somerville, Mass.	16	11	2	1
Springfield, Mass.	47	34	8	1
Waterbury, Conn.	27	21	2	-
Worcester, Mass.	52	39	4	-
MIDDLE ATLANTIC:	3,422	2,032	150	140
Albany, N. Y.	53	29	1	2
Allentown, Pa.	39	18	2	2
Buffalo, N. Y.	176	103	6	6
Camden, N. J.	43	28	1	4
Elizabeth, N. J.	33	21	2	1
Erie, Pa.	29	20	1	1
Jersey City, N. J.	69	36	4	1
Newark, N. J.	103	57	9	3
New York City, N. Y.	1,677	1,000	78	69
Paterson, N. J.	36	22	3	1
Philadelphia, Pa.	505	288	10	24
Pittsburgh, Pa.	251	149	2	14
Reading, Pa.	32	20	5	-
Rochester, N. Y.	112	79	9	2
Schenectady, N. Y.	25	13	1	1
Scranton, Pa.	48	34	4	1
Syracuse, N. Y.	60	39	3	3
Trenton, N. J.	53	29	3	-
Utica, N. Y.	39	24	3	2
Yonkers, N. Y.	39	23	3	3
EAST NORTH CENTRAL:	2,716	1,523	104	147
Akron, Ohio	59	30	-	4
Canton, Ohio	44	29	7	3
Chicago, Ill.	798	430	27	47
Cincinnati, Ohio	166	101	3	4
Cleveland, Ohio	214	103	5	13
Columbus, Ohio	141	83	2	5
Dayton, Ohio	89	53	5	3
Detroit, Mich.	374	193	17	23
Evansville, Ind.	49	33	2	3
Flint, Mich.	58	29	4	3
Fort Wayne, Ind.	34	22	4	-
Gary, Ind.	37	24	4	6
Grand Rapids, Mich.	50	35	3	-
Indianapolis, Ind.	172	91	10	18
Madison, Wis.	44	26	-	3
Milwaukee, Wis.	124	83	1	3
Peoria, Ill.	30	17	-	2
Rockford, Ill.	29	17	2	1
South Bend, Ind.	39	23	2	-
Toledo, Ohio	104	60	6	4
Youngstown, Ohio	61	41	-	2
WEST NORTH CENTRAL:	862	531	40	43
Des Moines, Iowa	58	42	2	3
Duluth, Minn.	31	17	4	2
Kansas City, Kans.	43	24	4	3
Kansas City, Mo.	113	71	3	2
Lincoln, Nebr.	27	17	2	-
Minneapolis, Minn.	125	89	5	3
Omaha, Nebr.	75	44	5	6
St. Louis, Mo.	244	135	8	7
St. Paul, Minn.	79	53	2	7
Wichita, Kans.	67	39	5	10

Area	All Causes		Pneumonia and Influenza	Under 1 year
	All Ages	65 years and over	All Ages	All Causes
SOUTH ATLANTIC:	1,267	685	54	67
Atlanta, Ga.	134	54	1	15
Baltimore, Md.	295	169	14	18
Charlotte, N. C.	49	27	4	5
Jacksonville, Fla.	79	36	2	4
Miami, Fla.	82	53	-	2
Norfolk, Va.	45	20	-	2
Richmond, Va.	103	59	2	3
Savannah, Ga.	43	19	3	1
St. Petersburg, Fla.	86	71	3	-
Tampa, Fla.	71	41	9	6
Washington, D. C.	232	106	13	10
Wilmington, Del.	48	30	3	1
EAST SOUTH CENTRAL:	578	302	37	33
Birmingham, Ala.	83	43	2	3
Chattanooga, Tenn.	29	19	3	3
Knoxville, Tenn.	43	26	3	2
Louisville, Ky.	99	51	19	3
Memphis, Tenn.	132	63	6	12
Mobile, Ala.	47	20	-	2
Montgomery, Ala.	33	18	1	4
Nashville, Tenn.	112	62	3	4
WEST SOUTH CENTRAL:	1,090	586	44	74
Austin, Tex.	45	20	4	2
Baton Rouge, La.	31	15	1	2
Corpus Christi, Tex.	23	12	1	2
Dallas, Tex.	133	68	6	6
El Paso, Tex.	26	13	5	1
Fort Worth, Tex.	100	57	1	9
Houston, Tex.	178	80	6	15
Little Rock, Ark.	56	29	2	4
New Orleans, La.	165	88	1	7
Oklahoma City, Okla.	81	47	1	5
San Antonio, Tex.	114	66	4	13
Shreveport, La.	65	42	4	8
Tulsa, Okla.	73	49	8	-
MOUNTAIN:	441	248	29	25
Albuquerque, N. Mex.	64	27	6	4
Colorado Springs, Colo.	28	17	5	1
Denver, Colo.	115	74	5	8
Ogden, Utah	26	16	3	1
Phoenix, Ariz.	94	49	3	5
Pueblo, Colo.	26	19	1	2
Salt Lake City, Utah	45	24	-	3
Tucson, Ariz.	43	22	6	1
PACIFIC:	1,546	935	38	71
Berkeley, Calif.	21	16	1	2
Fresno, Calif.	57	26	2	6
Glendale, Calif.	31	21	2	-
Honolulu, Hawaii	50	22	3	3
Long Beach, Calif.	74	49	2	2
Los Angeles, Calif.	503	315	10	23
Oakland, Calif.	50	30	-	1
Pasadena, Calif.	28	20	-	1
Portland, Oreg.	68	42	-	-
Sacramento, Calif.	79	46	1	6
San Diego, Calif.	115	70	3	1
San Francisco, Calif.	196	104	8	13
San Jose, Calif.	36	16	2	4
Seattle, Wash.	119	76	-	4
Spokane, Wash.	73	50	4	4
Tacoma, Wash.	46	32	-	1
Total	12,676	7,329	548	615

*Estimate - based on average percent of divisional total.

Cumulative Totals
including reported corrections for previous weeks

All Causes, All Ages	250,877
All Causes, Age 65 and over	145,891
Pneumonia and Influenza, All Ages	12,198
All Causes, Under 1 Year of Age	12,763

INTERNATIONAL NOTES – QUARANTINE MEASURES

Immunization Information for International Travel–1965-66 edition–Public Health Service Publication No. 384

Section 5 – ASIA and EUROPE

Union of Soviet Socialist Republics

On p. 57 and p. 65, add:

Smallpox vaccination certificate required for all travellers from the United Kingdom on arrival in the USSR.

CHOLERA VACCINATION

Because of the possibility of the spread of cholera westward from Asia and the Middle East to countries in Eastern Europe, all travellers to these areas are advised to be vaccinated against cholera and have in their possession a valid international certificate of vaccination or revaccination against cholera.

The standard primary course of cholera vaccine recommended is two injections given at least 7 days apart. For persons vaccinated previously one booster dose of vaccine is recommended for revaccination.

The cholera vaccination certificate is valid for 6 months beginning 6 days after the first injection in the primary series. If revaccination is within the 6-month period the certificate then issued is valid immediately. If the revaccination is done after the 6-month period of the previous certificate has expired, the subsequent certificate does not become valid until 6 days after revaccination.

Cholera vaccination may be carried out by private physicians who can issue certificates on the international form. These certificates are not valid, however, until they bear the approved stamp of the local, County or State Health Authority. Failure to observe this requirement will cause the traveller inconvenience.

The USSR requires valid cholera vaccination certificates from all arrivals from Turkey.

Lebanon requires all travellers from Asia to be in possession of valid cholera vaccination certificates.

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THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
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ATLANTA, GEORGIA 30333

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE CDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY: COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

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